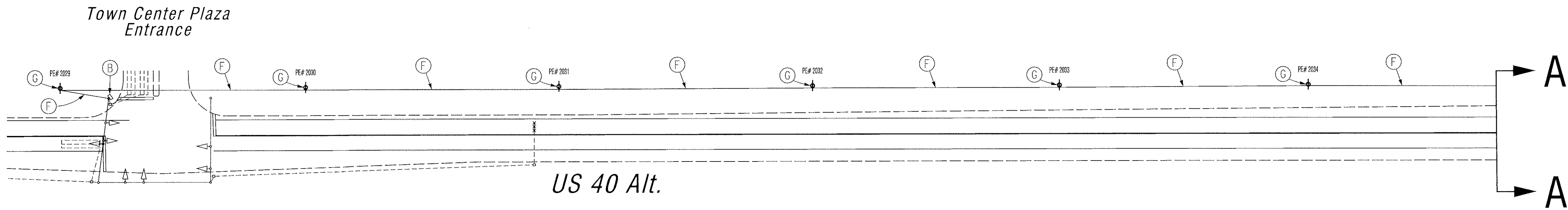
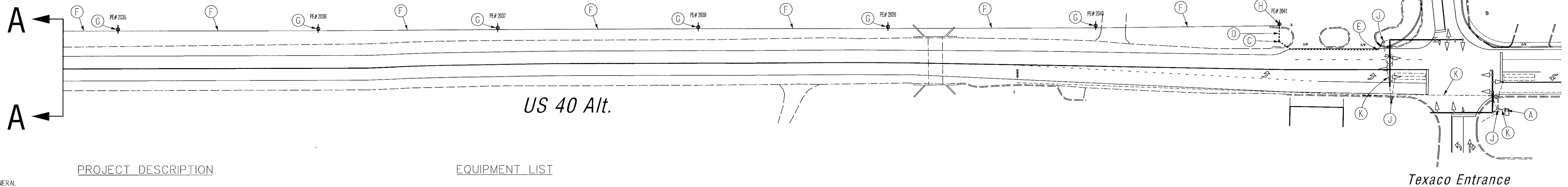


US 40 Alt. is considered to run in an east/west direction.



#### CONSTRUCTION DETAILS

- Use existing base mounted cabinet/controller. Install new interconnect cable.
- Use existing steel pole, pole mounted cabinet/controller. Install new interconnect cable. 2 in. weather head, 2 in. riser and 2 in. conduit (into base of existing pole mounted cabinet).
- Install handhole.
- Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- Install 12-pair self-supporting telemetry interconnect cable.
- Attach new interconnect to utility pole as directed.
- Install 2 in. weather head, and 2 in. riser on utility pole as directed.
- Use existing handhole.
- Use existing conduit.



#### PROJECT DESCRIPTION

##### I. GENERAL

This project involves the installation of a new telemetry interconnect cable along US 40 Alt. in Frederick County, Maryland. US 40 Alt. is considered to run in an east/west direction.

##### II. INTERSECTION OPERATION

The intersections to be interconnected include:  
US 40 Alt. and Hollow Road and  
US 40 Alt. and Town Center Plaza Entrance.

The interconnect is to be installed overhead via existing utility poles.

#### EQUIPMENT LIST

##### A. Equipment to be furnished and installed by the MD-SHA SignalShop.

Item No.	Quantity	Units	Description
9011	1	EA	Telemetry module with harness.

##### B. Equipment to be furnished and/or installed by the Contractor.

Item No.	Quantity	Units	Description
1001	1	EA	Maintenance of traffic per assignment.
8024	25	LF	2 in. [Schedule 80] PVC electrical conduit- trenched.
8025	100	LF	2 in. [Schedule 80] PVC electrical conduit- slotted in roadway.
8033	1	EA	Electrical handhole.
8038	3000	LF	12-pair communication cable self-supporting.
8064	75	LF	2 in. [Schedule 80] PVC electrical conduit- riser.
Neg.	2	EA	2 in. weatherhead.
Neg.	1	EA	2 in. conduit.

#### CONTACT LIST

The contact persons for District #7 are as follows:

Mr. Robert Fisher District Engineer 301-624-8101	Mr. Dave Coyne Assistant District Engineer - Maintenance 301-624-8105
Mr. John Concannon Assistant District Engineer - Traffic 301-624-8140	Mr. Richard L. Daff Chief, Traffic Operations Division 410-787-7630
Mr. Jim Buckalew Assistant District Engineer - Utility 301-624-8115	The Power Company Representative is: Allegheny Power Company 421 E. Patrick Street Frederick, Maryland 21701 1-800-255-3443

#### GEOMETRIC LEGEND

---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS



#### REVISIONS

No.	Description

#### APPROVALS

<i>M. R. R.</i> TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
<i>J. D.</i> CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	DIRECTOR, TRAFFIC & SAFETY



Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
(Interconnect Plan)

US 40 Alt. from Hollow Rd. to Town Center Plaza Entr.

DRAWN BY: J. Dirndorfer	F.A.P. NO. N/A	TS NO. 4018 X-1	SHEET NO. 1 OF 1
CHECKED BY: J. Dirndorfer	S.H.A. NO. XX1005785	T.I.M.S. NO. E-036	
SCALE: 1" = 50'	COUNTY: Frederick	LOG MILE: 10040A06.68	
DATE: March 19, 2001			